

### INAUGURAL OF 'AUTONOMOUS STATUS' AT ANITS



Prof. G.S.N.Raju, VC, AU (Chief Guest) inaugurates the event in conjunction with the Registrar Prof. Uma Maheswara Rao, Andhra University



Release of Academic Regulations: Prof. G.S.N.Raju, VC, AU (center), Registrar Prof. Uma Maheswara Rao, AU (right corner), The Secretary, ANITS Sri. Thapovardhan (left corner), The Chairman Dr. N.B.R Prasad (second from left), Prof. V.S.R.K. Prasad, Principal, ANITS (second from right)



The Joint Board of Studies Meeting comprising the expert members held on June 20th 2015 at ANITS ST SPONSORED NATIONAL SEMINAR

ANITS celebrated the inaugural function of its Autonomous status on 14th May, 2015 Honorable Vice Chancellor of Andhra University Prof. G.S.N Raju was the Chief Guest and the Registrar Prof. Uma Maheswara Rao, Andhra University was the Guest of Honor for this event. Many eminent Professors from IITs, NITs, Industry and other prestigious Institutions, Press graced the occasion.

Growing as an 'Autonomous' is to be more responsible, meticulous and creative, it is in fact an invigorating and positive shift towards growth as the 'Think Tanks' of the Institution can plan a few new courses which would enable the students to become the much sought after engineers. The evaluation process too gets better as the student would now have an opportunity to show case his skills in the subjects of his choice, thanks to the open electives, add-on courses, skill development courses in addition to his core engineering subjects and electives. The paper setters are nominated from across the country in order to expose the students to the expertise of several learned professors from prestigious institutions.

The Chief Guest of the function, Prof. G.S.N Raju congratulated the Management of ANITS for securing Autonomous Status. He expressed his confidence that the attitude and commitment of ANITS will make it a Deemed University very soon. He complimented the management of ANITS stating that they follow the best practices in the world in providing quality education to the students. He appreciated the faculty for their role in developing the curriculum and exuded confidence that ANITS has the potential to grow as one of the best universities in the country. He further said that as per the advice of the Hon'ble CM of AP, Sri N. Chandra Babu Naidu, importance should be given in building entrepreneurs and incubation centers in every institution. He suggested that ANITS may set up skill development and incubation centers for meeting the demands of the industry. He stressed the importance of communication skills saying that they are extremely important for everyone to achieve success in life. He concluded his message by exhorting the faculty of ANITS to promote holistic education and strengthen the industry – institute relations.

According to the Guest of Honor, Prof. Uma Maheswara Rao, Registrar AU, ANITS attained 'Autonomous Status' within a span of 14 years which is a rare phenomenon. He praised the college Authority in providing quality education to the students. He stated that ANITS is the 2<sup>nd</sup> most preferred college in this region after AU. He further said that from

Chief Patron

**Mr. V. Thapovardhan**  
Secretary & Correspondent

Patron

**Prof. V.S.R.K. Prasad**  
Principal

### Editorial Board

Editor-in-Chief

**Ms. Md. Sabirunnisa Gouse**  
Asst. Professor, English & Humanities

Dean (Training & Placement)

**Mr. G.V.R. Murthy**

Members :

**Ms. Vijaya Lakshmi**  
Asst. Professor, ECE

**Ms. K.V.R Swathi**  
Asst Professor, EEE

**Mr. Mandava Kranthi Kiran**  
Asst. Professor, CSE

**Mr. Aditya Sundar**  
Asst. Professor, IT & MCA

**Mr. V. Krishna**  
Asst. Professor, Mech

**Mr. R. Soma Sekhar**  
Asst. Professor, Chemistry

**Ms. Uma Swetha Ch.**  
Asst. Professor, Mathematics

**Mr. K.V. Sivaganga Kumari**  
Asst. Professor, Physics

**Ms. S. Harika**  
Asst. Professor, Bio-Tech. & Chemical Engg.

**Mr. Ch. Vineel**  
Asst. Professor, Civil



Autonomous state ANITS would soon grow into a deemed University, He expressed his happiness saying that senior professors from AU have rendered their services to ANITS and helped it grow. He promised to help ANITS in its endeavor in the future as well.

The Chairman Dr. N.B.R Prasad, the presiding officer for the inaugural function stressed the role of faculty in shaping and moulding the students in all round personalities and The Secretary, ANITS Sri. Thapovardhan complimented the Principal for, his involvement and commitment in



Voonik Technologies Campus Selections took place on 19th July 2015 on campus. The process began with online test on 19th July 2015 followed by Technical Interviews and Human Resource Round (HR). At the end of all these rounds, 6 students were confirmed their selection (CSE-05 and IT -01) with CTC Rs.9 lpa.



IBM Global Services India Campus Selections were held on 18th August 2015. The process began with online test on 18th July 2015 followed by Technical Interviews and finally Human Resource Round (HR). The final results are awaited.



Deloitte Campus Selections happened on 12th August 2015. The process began with online test on 13th August 2015 followed by Group discussion, Technical Interviews and Human Resource Round (HR). At the end of all these rounds, 16 students were confirmed their selection with CTC of Rs. 4.92 lpa; and the branch-wise breakup is: CSE-4, IT-3 & ECE-9.

achieving 'Autonomous Status', which is a point of pride for the Institution. He further encouraged the faculty to work harder and pave the way for ANITS to become a university.

The Principal, Prof. V.S.R.K. Prasad said that ANITS had been brought up in a phenomenal way thanks to the support from the Management, HoDs, Senior Professors, Faculty, Students & Parents. He thanked AU for their help and also attributed the success of ANITS to the expertise lent by several learned Professors from IITs, NITs and reputed organizations.

## PLACEMENT CORNER

### GUEST LECTURE ON "META MATERIALS & APPLICATIONS TO ANTENNAS DESIGN"



A Guest lecture was conducted at ANITS on "Meta Materials & Applications to Antennas Design" by Prof. N. Srinivasa Rao, Chairman-MTT/AP/EMC-S of IEEE Chapter, Hyderabad Section. This event was jointly organized by the Department of ECE, ANITS and IEEE Student chapter, ANITS & IETE Student forum, ANITS on 22nd July 2015.

### GUEST LECTURE ON CAREER OPPORTUNITIES



A guest lecture on "Career Opportunities" was organized by the Dept. of Information Technology for all the third and fourth year IT students on 16th July 2015. The resource person is Mr. K.V. Prasad, Head, Program Management Office (PMO), iGATE Global Solutions, Bangalore, who has 18 years of experience in the areas of Process and Project Management, Delivery Operations, Team Management and Planning elaborated the scope of engineering career, short term goals, importance of higher education and so on. An interactive session was also conducted that provoked curiosity among the learners.

He requested the external members of BOS to help ANITS in framing the syllabi and become a successful Autonomous college.

The meeting of Joint Board of Studies of all departments was conducted in ANITS on the 20th of June where external members from IITs, NITs AU, prestigious Institutions, Industry and ANITS participated in the meeting. After the Joint Board Meeting, individual departments met in order to discuss the syllabi from 02:00 P.M to 04:00 P.M. The concluding session of the Joint Board of Studies took place from 4:30 P.M to 05:00 P.M.



Memento presentation to Dr. K. R. Chandrasekhar, Asst. Prof., Department of Chemical and Biomedical Engineering, Cleveland State University, U.S.A after delivering guest lecture on "Career Opportunities in Chemical Engineering" held on 22nd June 2015 at ANITS organized by the Department of Chemical Engineering, ANITS



Dr. D.V.R. Murthy, Professor, Department of Chemical Engineering, NIT Surathkal, Karnataka visits ANITS on 25th July, 2015 to deliver his talk on "Issues related to Reactor Design" organized by Department of Chemical Engineering and Biotechnology, ANITS.

### PYTHON PROGRAMMING- A WORKSHOP

A workshop on PYTHON PROGRAMMING was organized by the Dept. of Information Technology for its 2nd, 3rd and 4th year students on July 25th 2015 and August 1st respectively. Shri Anand Chitipothu, Software consultant & trainer, was the resource person of the event who provided appropriate insights on the significance of python language and its general-purpose. The coding of any application using python language is compact, easy-to-learn, easy-to-read and easy-to-maintain as compared to any other programming language. Information on various concepts like Variables, Data types, Functions, Conditional Expressions, Methods, Modules, Reading Command Line Arguments, List Comprehensions and Files was also made familiar to the students.

## SEMINARS/ WORKSHOPS/ CONFERENCES AND OTHER PARTICIPATIONS BY FACULTY

- Dr. G. Raja Rao, HOD of EEE, and Convener - ANITS Anti-Ragging Committee, attended the Anti-Ragging Awareness Programme organized by HRD Minister Sri Ganta Srinivasa Rao at Y.V.S. Murthy Auditorium, Andhra University held on 03-08-2015.
- Mr.A.Ramesh Babu, Asst.Professor, Department of Mathematics, participated in the International Conference on Mathematical Sciences as a Delegate and presented a paper on "Efficient Key-Insulated Multi-Signature Scheme In Id-Based Framework" organized by the Department of Mathematics, Sri Venkateswara University, Tirupati, during 13<sup>th</sup> -15<sup>th</sup> July 2015.
- Mr. Y.B.Shankar Rao ,Asst .Prof Dept of Engineering Physics, participated in a two-day National work shop on Planning of Smart city-Waste management-Pollution Control held during 5<sup>th</sup>-6<sup>th</sup> June 2015 organized by APPCB & ANITS, Visakhapatnam
- Mr. Y.B.Shankar Rao, Asst .Prof Dept of Engineering Physics participated in the Faculty Development/ training programme on "Instructional Design and Delivery Systems" conducted by NITTR Chennai.
- Dr.V.Rajyalakshmi, Assoc.Prof, ECE Department has attended the refresh course on "Antennas and Microwave passive Components Design and Measurements" organized by IIT, Kharagpur, during 22<sup>nd</sup> - 28<sup>th</sup> June 2015.
- Dr.K.Murali Krishna, Prof. and Head, ECE attended Annual Board of Studies Meeting in Engineering as a member organized at Andhra University on 15<sup>th</sup> July 2015.
- Ms. Sailaja, Dr. K. China Mala Kondaiah, Mr. Koteswara Rao M., Ms. S. Hariika, Ms. P. Mallika Rani, Ms. Lalita Asst. Professors, Department of Chemical Engineering have participated in the training programme (FDP) on "Instructional Design and Delivery Systems" conducted by ANITS from 16<sup>th</sup> to 21<sup>st</sup> June 2015.
- Mr. Ch Rajesh, Mr. K S V Krishna Srikanth , Assistant Professors, Dept. of IT participated in a three-day workshop on "National FDP on Cloud Computing under TEQIP II" held from 6<sup>th</sup> to 8<sup>th</sup> August 2015 at Sri Vishnu Engineering College for Women, Bhimavaram
- Mr.M.V.Kishore Asst. Prof IT participated in a two-day Faculty Enablement Program (FEP) on Best Practices in Programming and Web Technologies conducted by Infosys Limited held from 6<sup>th</sup> to 8<sup>th</sup> July 2015 at CMR Technical Campus, Hyderabad.
- Ms.V.Annapoorna, Mrs.D.Sailaja, Mrs.SVSS Lakshmi, Ms. Hari Priyanka, Mr.M.V.Kishore and Mr.KSVK Srikanth Assisant Professors, IT participated in a one-week faculty development program on "Instructional Design and Delivery Systems", conducted by NITTR Chennai held from 16<sup>th</sup> to 21<sup>st</sup> June 2015 at ANITS, Visakhapatnam
- Dr. Meena Grace, Asst. Prof., Dept. of English and Humanities attended one-day workshop on "Assessment of Communication Skills in English Realities and Remedies (ACSERR) on 12<sup>th</sup> June 2015 under TEQIP-II S.C.I.2 in GVP College of Engineering (A) Visakhapatnam
- Mr.J.V.Bhanutej, Asst.Prof.,Mech.Engg,Dept., participated in one week workshop on "Instructional Design and Delivery Systems" conducted at ANITS during 16.06.2015 to 21.06.2015.
- Mr.J.V.Bhanutej, Asst.Prof.,Mech.Engg,Dept. participated in one week faculty development program on "Computational Fluid Dynamics" conducted at Sastra University Tanjavur during 01.06.2015 to 05.06.2015.
- Mr.S.Phani Kumar, Asst.Prof.,Mech.Engg,Dept. participated in one week faculty development program on "Computational Fluid Dynamics" conducted at Sastra University Tanjavur during 01.06.2015 to 05.06.2015.
- Mr.B.Pradeep Kumar, Asst.Prof.,Mech.Engg,Dept. participated in one week faculty development program on "Computational Fluid Dynamics" conducted at Sastra University Tanjavur during 01.06.2015 to 05.06.2015.
- All the faculty members of Mech.Engg,Dept participated in a two day workshop on "Curriculum Design and development" conducted at MVGR College of Engg. (Autonomous) during 15.06.2015 to 16.06.2015.
- Mr.M.Prem Dheeraj, Asst.Prof., Mech.Engg,Dept. participated in one day workshop on "Rotor dynamics and Diagnosis" conducted at GVP College of Engineering (Autonomous) during 30.07.2015 to 31.07.2015.
- Mr.K.Satyanarayana, Asst.Prof., Mech. Engg, Dept. participated in one day workshop on "Rotor dynamics and Diagnosis" conducted at GVP College of Engineering (Autonomous) during 30.07.2015 to 31.07.2015.
- Mr.B.Praveen Kumar, Asst.Prof, Department of Chemistry attended a two day national workshop on "Synthesis, Characterization and Applications of Advanced Nano-Particles" organized by GMRIT, Rajam during 23<sup>rd</sup> -24<sup>th</sup> August, 2015.
- Mr. Ch.V.N. Raja, Asst. Prof., EEE participated in a ten-day training program on "Operation and Control of Electrical

Machines based on Labview - 2015" organized by the department of Electrical & Electronics Engineering, GRIET, Hyderabad, during 22<sup>nd</sup> June to 1st July 2015.

- Mr. B. Rajasekhara and Mrs. B. Vanajakshi, Asst. Professors, EEE have participated in a two- day workshop on "Planning of Smart City- Waste Management Pollution Control" organized by the department of Chemistry, Chemical Engg., and CIVIL Engg., ANITS, during 5<sup>th</sup> & 6<sup>th</sup> June 2015.
- The students of EEE a ten-day 'SWECHA SUMMER CAMP 2K15' (Industry Oriented Training Camp) - address by Prof. L. Pratap Reddy, Former Dean (R&D), JNTU and working Chairman of Swecha Organization, during 8<sup>th</sup> & 17<sup>th</sup> June 2015

### PAPER PUBLICATIONS BY FACULTY

- Mr.G.Surya Narayana, Asst.Professor, Department of Mathematics, published a paper titled "Kantowski- Sachs Cosmological Model In f(R,T) Theory of Gravity" in The African Review of Physics, Volume-10, August 2015, pp-0019.
- Mr. B.Brahmaji,Asst .Prof Dept of Engineering Physics, published a paper titled "Influence of metal ions  $Mg^{2+}$ ,  $Fe^{2+}$  on the growth of Sulphamic acid Single crystals" in International Journal of ChemTech Research CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.2, pp 599-604, 2015.
- Mr. Y.B.Shankar Rao, Asst .Prof Dept of Engineering Physics, published a paper titled "Vibrational and Electronic Spectra of N-aryl ring substituted (Z)-N-(4-amino-5-(4-chlorophenyl)-3-Phenylthiazol-2(3H)-ylidene) Benzamide compounds in ELSEVIER Science Direct Journal: Spectrochimica ActaPart A: Molecular and Biomolecular Spectroscopy Volume 140 (2015) 575-584.
- Dr. Rupa Vemuri, Assoc. Prof., Dept. of English and Humanities published a paper titled "Breaking The Stereotypes Means Progress: A Critical Reading of Ismat Chughtai's 'Heart Brakes Free and The Wild One'", VOICES (Voices of Interdisciplinary Critical Explorations), A Peer Reviewed Journal, Volume 4, Number 1, pp: 110-122. ISSN: 2230-875x
- Mr. Ch. Anil and R. Padmasree, Asst .Prof Dept of Chemical Engineering published a paper titled "Tuning of PID Controllers for integrating systems using direct synthesis method" in ISA Trans, 57, pp-211-219, June 2015.
- Mr. Subash Bojja, Mr. Mantraih Tota and Dr. Mary Anupama Palukurty, Asst .Prof Dept of Chemical Engineering published a paper titled "Screening of Parameters and production of Amylases using Aspergillus Oryzae by submerged fermentation process" in Inter National Journal of Basic and Applied Sciences, Vol. 4(3), 151-156, Aug. 2015.
- Ms. V. Sridevi, Ms. R. Sirisha and Ms. S. N. Swapna, Asst .Prof Dept of Chemical Engineering published a paper titled "Screening of Probiotic Goat Milk and Cow Milk Isolates for Acid Resistance, Antagonistic Activity and Tolerance to Antimicrobial Activity of Spices: Molecular Identification of Potential Probiotic Goat Milk Isolate, G8".in International Journal of Current Microbiology and Applied Sciences, 4(8), 406-421, Aug.2015.
- Ms. V.Sridevi, P.Swetha Priyadarshini and Y. Ashish Gautam, Asst .Prof Dept of Chemical Engineering published a paper titled "Selection of Marine Actinomycetes with Bioactive Potential Isolated from Sediments of Bay of Bengal and Characterization of Promising Isolate, ABT-103" in British Microbiology Research Journal, 10(2), 1-9, Aug.2015.
- Ms. D Sailaja and Mr. MV Kishore, Assistant Professors , Dept of IT published a paper titled "An overview of pre-processing text clustering methods", IJCSIT, VOLUME 6 ISSUE 3 May - June 2015
- Dr. Meena Grace, Asst. Prof., Dept. of English and Humanities published a paper titled "The Alexandria Quartet: An Interface between Life and Art" in The Criterion- An International Journal in English, Vol-6, Issue-4, ISSN 0976-8165, August -2015
- Dr. Kondapalli Siva Prasad,Assoc.Prof., Mech.Engg.Dept., published a paper titled "**Experimental Investigation on 4-stroke Diesel Engine using waste cooking oil biodiesel fuel**", Journal of Automobile Engineering and Application, Volume.2, Issue.2, 2015,pp.19-28.
- Dr. Kondapalli Siva Prasad,Assoc.Prof., Mech.Engg.Dept., published a paper titled "**Review on Corrosion of Austenitic Stainless steels in Chloride Medium**", Journal of Advanced Research in Manufacturing, Material Science and Metallurgical Engineering, Volume.2, Issue.2, 2015,pp. 1-5.
- Ms. A. A Vijaya Jyothi, Asst. Prof., Dept. of English and Humanities published a paper titled "Introspecting the Menace of Child Labour, Child Labour In India: Issues and Concerns", with ISBN: 978-93-83729-74-6, June 2015, PP: 89-93
- Mr.R.D.V.Prasad,Asst.prof., Mech.Engg,Dept.,published a paper titled "**Design and fabrication of a system to reduce motion sickness**" International journal of Engineering & Management research , volume-5,Issue-4,August-15, pp 101-104.



- Mr.D.Simhachalam,Asst.prof., Mech.Engg,Dept.,published a paper titled **“Design and fabrication of a system to reduce motion sickness”** International journal of Engineering & Management research , volume-5,Issue-4,August-15, pp 101-104.
- Ms. Serwani V Swamy, Asst. Prof., Dept. of English and Humanities published a paper titled “Scrutinizing Women, Violence and Identities: In Perspective of Psyche in Bharati Mukherjee ^s Select Novels” -Subaltern Speak: An International Journal of Postcolonial Studies, with ISSN 2277-3959 (Print), ISSN: 2347-2103 (Online), IV July 2015
- Mrs.M.Sailaja,Asst.prof.,Mech.Engg,Dept.,published a paper titled “Design and fabrication of a system to reduce motion sickness” International journal of Engineering & Management research , volume-5,Issue-4,August-15, pp 101-104.
- Mr.M.S.S.Srinivas Rao, Sr.Asst.prof., Mech. Engg, Dept., published a paper titled “Design and fabrication of a system to reduce motion sickness” International journal of Engineering & Management research, volume-5,Issue-4,August-15, pp 101-104.
- Mr.K.Satyanarayana,Asst.prof., Mech.Engg,Dept., published a paper titled “Condition Monotoring and Detection of Unbalance Using Vibration Signature Analysis” International journal of recent scientific research , volume-6,Issue-8,August-15, pp 5796-5800.
- Mrs.M.Sailaja,Asst.prof.,Mech.Engg,Dept.,published a paper titled “Condition Monitoring and Detection of Unbalance Using Vibration Signature Analysis” International Journal of recent Scientific Research , volume-6,Issue-8,August-15, pp 5796-5800.
- Dr.T.V.Hanumantha Rao, HOD, Mech.Engg, Dept., published a paper titled “Condition Monitoring and Detection of Unbalance Using Vibration Signature Analysis” International Journal of Recent Scientific Research, volume-6, Issue-8, August-15, pp 5796-5800.
- Ms. Abhibunnisha Begum, Asst. Prof., Dept. of English and Humanities published a paper titled The Context: Quarterly E Journal of Language, Literary and Cultural Studies, “The Frontiers of Thought in the Postcolonial Era: With Special Reference to the Select Novels of Salman Rushdie” May 2015. Volume 2 Issue 2. ISSN 2349-4948 (Pp. 99-105)
- Mr.R.D.V.Prasad,Asst.prof., Mech.Engg,Dept.,published a paper titled “Structural & Thermal Analysis of Gas Turbine Blade at Varying Operating Conditions” International journal of Engineering & Management research , volume-5,Issue-3,August-15, pp 101-104.
- Mr.B.V.Ravi Teja,Asst.prof., Mech.Engg,Dept.,published a paper titled “Structural & Thermal Analysis of Gas Turbine Blade at Varying Operating Conditions” International journal of Engineering & Management research , volume-5,Issue-3,August-15, pp 101-104.
- Mr.M.S.S.SrinivasaRao,Sr.Asst.prof.,Mech.Engg,Dept.,published a paper titled “Structural & Thermal Analysis of Gas Turbine Blade at Varying Operating Conditions” International journal of Engineering & Management research , volume-5,Issue-3,August-15, pp 101-104.
- Mr.P.Chandra sekhar,Asst.prof., Mech.Engg,Dept.,published a paper titled “Experimentation and Analysis of liquid Cooling System for Electronics Cooling” International journal of Engineering & Management research , volume-5,Issue-3,June-15, pp 17-23.
- Mr.M.RajaRoy,Sr.Asst.prof.,Mech.Engg,Dept.,published a paper titled “Experimentation and Analysis of liquid Cooling System for Electronics Cooling” International journal of Engineering & Management research, volume-5, Issue-3,June-15, pp 17-23.
- Mr.M.Prasanth Kumar.,Asst.prof., Mech. Engg, Dept., published a paper titled “A Review on Photoelastic Stress Analysis” Journal of Material Science and Mechanical Engg. with ISSN: 2293-9095, volume-2, Issue-4, April-June-15, pp 340-344.
- Mr.M.Prasanth Kumar.,Asst.prof., Mech. Engg, Dept., published a paper titled “A review on Titanium - Niobium Shape Memory Alloys (SMA)” Journal of Material Science and Mechanical Engg. , having ISSN: 2293-9095, volume-2,No-5, April-June-15, pp 420-424.
- Mr.D.Simhachalam.,Asst.prof., Mech.Engg,Dept.,published a paper titled “A review on Titanium - Niobium Shape Memory Alloys (SMA)” Journal of Material Science and Mechanical Engg. , having ISSN: 2293-9095, volume-2, No-5, April-June-15, pp 420-424.
- Dr. Kondapalli Siva Prasad,Assoc.Prof., Mech.Engg,Dept., published a paper titled “Static Analysis of 4-Blade Marine Propeller”, Journal of Aerospace Engineering and technology, having ISSN:2231-038X, Volume.5, Issue.2, 2015,pp.2348-2352.
- Mr.G.Uma Maheswar Rao,Sr.Asst.Prof., Mech.Engg,Dept., published a paper titled “Static Analysis of 4-Blade Marine Propeller”, Journal of Aerospace Engineering and technology, having ISSN:2231-038X, Volume.5, Issue.2, 2015,pp.2348-2352.

- Mr. S. Harish , Asst. Prof. Mr. T. Rama Sastry, Asst. Prof., Mr. A. Dhanjaya Apparao Asst. Prof., Dept. of EEE jointly presented a paper titled "Driver circuits for dimming of LED's" in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ( IJIREEICE)Vol. 3, Issue 6, Pg 88-92 June 2015.
- Mr. T. Rama Sastry, Asst. Prof., Mr. S. Harish , Asst. Prof., Mr. M. Sudheer Kumar Asst. Prof., Dept. of EEE jointly presented a paper titled "Direct Torque control of PMSM using Space Vector Modulation" in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ( IJIREEICE)Vol. 3, Issue 6, Pg 116-119 June 2015.
- Mr. P Naga Srinivas and Mr. Ch Seshadri Rao, Assistant Professors, CSE published a paper on " A Multilevel Image Encryption based on Doffing Map and Modified DNA Hybridization for Transfer over Unsecured Channel" in International Journal of Computer Applications-Volume 120-June 2015.
- Mr. T.Kiran Kumar, Mr. J. Vikranth, Mr. MKSSK.Chaitanya, published an article on "Improvement of BRT Network for Visakhapatnam Using Bead Tool", in International Journal of Engineering and Management Research,vol.5,Issue-3,June-2015.
- Dr.B.N.D.Narasinga Rao, authored a Text Book on "Soil Mechanics and Foundation Engineering",Wiley India Publishers.
- Mr. MKSSK.Chaitanya, published an article on "Comparative study of Pre Engineered And Conventional Steel Building", in International Journal of Innovative Research in Technology,Vol.2 Issue -3,August 2015

#### PAPER PRESENTATIONS BY FACULTY

- Dr.V.Rajyalakshmi, Assoc.Prof.,ECE Department has presented a paper titled "A Triple Band pentagonal shaped DRA Array for X-band Applications" in the International Conference (INCEMIC-2015) organized by Andhra University College of Engineering, Visakhapatnam during 23<sup>rd</sup> to 24<sup>th</sup> July 2015.
- Dr.V.Rajyalakshmi, Assoc.Prof.,ECE Department has presented a paper titled "UWB Hexagonal MIMI Antenna with Defected ground structure" in the International Conference (INCEMIC-2015) organized by Andhra University College of Engineering, Visakhapatnam during 23<sup>rd</sup> to 24<sup>th</sup> July 2015.

#### PAPER PRESENTATIONS BY STUDENTS

- Mr. Baru Harish, II/II ME-Machine Design of Mech.Engg. Dept., published a paper titled "**Static Analysis of 4-Blade Marine Propeller**", Journal of Aerospace Engineering and technology, having ISSN: 2231-038X, Volume.5, Issue.2, 2015,pp.2348-2352.
- Ms. Divya Chandrika, II/II ME-Machine Design of Mech.Engg. Dept., published a paper titled "**A Review on Photo elastic Stress Analysis**" Journal of Material Science and Mechanical Engg. ISSN: 2293-9095, volume-2, Issue-4, April-June-15, pp 340-344.

#### STUDENT ACHEIVEMENTS/PARTICIPATIONS

- Ms. A. Lalitha, Ms. M.Jyothi, Ms. Anusha Kumari Isia, Ms. S.Priyanka III/IV IT were awarded 2<sup>nd</sup> consolation prize for the project TOLL BILL in HACKTHON, conducted by the reputed organization ANGELHACK
- Mr. Siva Nistala & Mr. Durga Potnuru, IV/IV IT and Mr. Venkatesh Gavicharla & Mr. Dhivysh, III/IV IT cleared the TCS CODE VITA College Round
- A Venkata Rajsekhar, IV/IV IT, attended Mission R & D Training Programme at Hyderabad from 3<sup>rd</sup> June to 1<sup>st</sup> July 2015
- Addala Chrianjeevi, 2008-12 batch is employed at HPCL Ltd, with Annual package of 10 Lacs and obtained 450 rank in GATE 2014-15

#### FACULTY ACHEIVEMENTS

- Dr.Kondapalli Siva Prasad, Assoc.Prof., Mech.Engg.Dept., is nominated as a reviewer for the journal of "Science and Technology of Welding and Joining", Maney Publishing.
- Dr.Kondapalli Siva Prasad, Assoc.Prof., Mech.Engg.Dept., is nominated as a reviewer for "Journal of Scientific Research and Reports", SCIENCEDOMAIN International.
- Mr. M. Sudheer Kumar, Mr. M. Naga Raju, Mr. V. Rangavalli and Mr. V. Anil Kumar have undergone Industrial training at APEPDCL, MRT section, Simhachalam on Testing and Maintenance of Transformers and LT meters during 8-6-15 to 12-06-15.
- Mr. Srinivas Raju V, Assistant Professor, CSE has successfully completed the course on "Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship" offered by University of Maryland in Coursera

## GUEST LECTURE- CONDITION BASED MONITORING AND MAINTENANCE OF SYSTEMS-CASE STUDIES

Department of Mechanical Engineering conducted a guest lecture on "Condition based monitoring and maintenance of systems-Case studies" on 25-7-2015 in CRT hall under CMSI. Mr.M.Raghava Rao, Retd. (DGM), Steel Plant was the resource person who illustrated various repeated break downs, submitted root cause failure analysis reports with remedial measures. He also introduced maintenance key performance indicators like MTBF and MTTR which reduce the overall breakdown hours of plant. 80 students from Mech IV/IV and faculty members attended this event. Mr.K.Satyanarayana and Ms.M.Sailaja, the Assistant Professors were the principal coordinators of this program.

## PLANNING OF SMART CITY- WASTE MANAGEMENT- POLLUTION CONTROL- A WORKSHOP



The Chief Guest Sri. S. Balasubrahmanyam inaugurating the workshop



Plantation on World Environmental Day at ANITS

A two-day National workshop was conducted on "PLANNING OF SMART CITY- WASTE MANAGEMENT- POLLUTION CONTROL" by the Departments of Chemistry, Chemical Engineering & Civil Engineering during 5th -6th June, 2015 at ANITS (A) with the financial assistance of Andhra Pradesh Pollution Control Board (APPCB). Dr.N.B.R.Prasad, Chairman-ANITS, Sri.S.Balasubrahmanyam, IAS (Retd.), Chairman-SEIAA, Sri.B.Madhusudhana Rao, JCEE-APPCB, Dr.C.V.Chalapathi Rao, Scientist grade and Head (Retd.), NEERI-Nagpur & Prof.V.S.R.K.Prasad, Principal-ANITS & Chairman-SEAC have shared their experiences on Planning of smart cities and the future consequences on environment.

Prof.K.Kameswara Rao-Dept. of Environmental Science, AU, Prof. S.Bala Prasad -Dept. of Civil Engineering, AU(A), Ms.C.V.Vandana, Shilpa Architects, Prof.B.N.D.Narasinga Rao -Dept. of Civil Engineering, ANITS(A) have delivered their talk in their respective fields of waste management and pollution control.

Dr.N.Padmaja, Assoc.Prof. & HoD-Chemistry & Prof.S.Subba Rao, HoD-Chemical Engineering, Sri.R.Lakshmi Narayana, EE, RO-APPCB were the conveners of the workshop. Industrial

participants, students, faculty have participated in the workshop.

Ms P Lakshmi Vasavya, Associate System Engineer, IBM and Mr.R.Santhosh Kumar, Alumni, Dept. of IT delivered their talk to the students of IT on Tips to prepare for campus placements

Ø As a part of Faculty Development Programme during 16-06-2015 to 21-06-2015 an Expert Lecture on "Achieving Excellency in Teaching" by Prof. K. Parvateesam, Professor, Dept. of EEE, GVP College of Engineering (A) was arranged on 19-06-2015. All the faculty of EEE and CSE attended the lecture.

Ø An Expert talk on "PEOs, POs and COs" by Prof. K. Ramji, Professor, Department of Mechanical Engineering, AUCE (A) has been arranged on 24-07-2015 for its faculty.



An Expert talk on "Grid Operation and Management" by Sri A. Ramesh, Divisional Engineer (Load Dispatch), AP TRANSCO, Hyderabad was arranged on 21-08-2015 in which the faculty and the final year of EEE students have participated.



Fresher's Day programme organized by the Dept. of EEE on July 28th 2015

Ø The Board of Studies (BOS) Meeting for the new Autonomous scheme was held on 20-06-2015 in the Dept. of EEE. Prof. G.S.N. Raju, Hon'ble Vice-Chancellor, Andhra University, Visakhapatnam inaugurated the

meeting. Prof. Debapriya Das, Dept. of EE, IIT Kharagpur, Sri B. Srinivasa Reddy, AGM (Electrical), RINL and Mr. Anil Kumar, Asst. Manager, RINL offered their inputs in the meeting.

Ø Academic Council Meeting for the new Autonomous scheme was held on 27-06-2015 in the Dept. of EEE. Prof. K. Santi Swaroop, Dept. of EE, IIT Madras was one of the members.

## SWETCHA SUMMER CAMP

Industrial oriented summer camp conducted by Swetcha organisation was inaugurated at Anil Neerukonda Institute of Technology and Sciences on 8th June, 2015. This program was held from 8th June, 2015 to 17th June, 2015 in which 200 students from different corners of the country and trainers from reputed MNCs have participated. Students were given introduction to all the new technologies and tools and were allowed to practice them instantaneously. This event was encouraged by the ANITS Management along with Dr S C Satapathy, HoD, Dept of CSE and Principal Dr VSRK Prasad. Mr. S Ratan Kumar, Associate Professor, CSE was the principal coordinator of this event.

## INTERACTIVE SESSION ON COURSE CURRICULUM DESIGN FOR FACULTY

A two-day workshop was conducted by the Department of CSE and IT in cooperation with Department of CSE, MVGR on "Curriculum Design and Development" on 8th and 9th June, 2015 at ANITS. The main speaker Prof. O.G Kakde, Director VJIT (Former Professor of NIT, Nagpur) interacted with the faculty of both the institutions. The discussion was mainly on the ways of designing a better curriculum for the benefit of the students, which in turn helps the institution to grow in an autonomous status.

Musigma Campus Selections were held on 9th July 2015 at ANITS. The process began with online test on 9th July 2015 in which 21 Students were shortlisted for GD/Interviews. Final results are awaited.



## ORIENTATION PROGRAM FOR THE FIRST YEARS OF DEPARTMENT OF CSE

The Dept of CSE, ANITS conducted a one-day "FRESHERS WELCOME & ORIENTATION PROGRAMME" for first year students of CSE (2015-19 Batch) on 13-08-2015. The Programme was coordinated by Ms. P. Deepika, Asst Prof, Mrs. Keerthi Lingam, Asst Prof, Mr. K Chandrasekhar, Asst Prof and Mr. K Ashesh, Asst Prof of CSE Dept. Prof VSRK Prasad, Principal, ANITS addressed all the students and advised them to abide by the rules and regulations of the institution to prosper well academically. Prof S C Satapathy, HOD, CSE addressed all the freshers by introducing the Faculty Members, Departmental Activities and CSI Student Body. Mr S. Ratan Kumar, Assoc Prof, CSE spoke about the accreditations, autonomous rules and regulations. On this occasion, second, third and final year students interacted with the freshers and gave them a brief introduction on subjects, departmental achievements and CSI Activities.



Text Book release on "Soil Mechanics and Foundation Engineering" written by Dr.B.N.D.Narasinga Rao was released by Prof M.R.Madhav, Professor Emeritus, JNTUH and visiting Professor IIT, Hyderabad, on 05-06-2015, in the presence of Prof.V.S.R.K.Prasad, ANITS.



A Guest Lecture on "Joy of Civil Engineering" by Professor M.R.Madhav, Professor Emeritus, JNTUH and visiting Professor IIT, Hyderabad organized by the Department of Civil Engineering on 05-06-2015.



A Guest Lecture on "Construction of Godavari Barrage and other Irrigation Structures" by L.V.Narayana, Superintending Engineer(Retd.), Irrigation Department, Government of Andhra Pradesh, organized by the Department of Civil Engineering on 11-07-2015.



A Guest Lecture on "Need For Study in Geotechnical Engineering for Infrastructure Development" by Dr.B.V.S.Viswanadham, Professor, IIT Bombay, organized by the Department of Civil Engineering on 21-07-2015

- o A Guest Lecture on "Reinforced Concrete Design Concepts and Detailing" by Dr.K.Rambabu,

Professor, Department of Civil Engineering, Andhra University, was organized by the Department of Civil Engineering on 01-08-2015.

- o A Guest Lecture on "Planning and Construction of the New Capital of Andhra Pradesh" by Er.sri. D.Kasi Visweswara Rao, Chief Engineer, Capital Region Development Authority (CRDA), was organized by the Department of Civil Engineering on 17-07-2015.

## ANITS CONGRATULATES



Mr.G.Srikanth, Asst. Professor, Department of Engineering Mathematics qualified APSET 2014(AP State Eligibility test for Lectureship/Assistant Professor in Universities/Colleges in AP) conducted during February 2015.



Mr.G.Surya Narayana, Asst.Professor, Department of Engineering Mathematics qualified APSET 2014(AP State Eligibility test for Lectureship/Assistant Professor in Universities/Colleges in AP) conducted during February 2015.



Ms. K. Rekha Asst.Professor, Department of English & Humanities qualified APSET 2014(AP State Eligibility test for Lectureship/Assistant Professor in Universities/Colleges in AP) conducted during February 2015.

Mr.Ch.Venkatarao Chowdary, Asst .Prof Dept of Engineering Physics, qualified APSET (AP State Eligibility test for Lectureship/Assistant Professor in Universities/Colleges in AP) Exam, conducted during August 2015.

## BOOK-POST

### DISCLAIMER

The information given in this newsletter is true to the best of the knowledge of the editorial board and cannot be used for any legal purposes. The items contained herein are published as submitted and are provided for general information purpose only. This information is not an advice. All rights are reserved.